

CATALOG
NO.
49

EAST HARTFORD, CONNECTICUT

Printed in U. S. A.

HARTFORD CLAMPS

Single and Double Bar Steel Clamps

QUICKER · STRONGER · MORE DURABLE

CATALOG No. 49

Manufactured by

THE HARTFORD CLAMP CO.

466 PARK AVENUE

EAST HARTFORD 8, CONNECTICUT

Why HARTFORD CLAMPS

are recommended by thousands of users

Long
Life

Hartford Patented *Single Bar* Clamps have bars made of high carbon spring steel rolled to our own special analysis, assuring strength and durability. The *Double Bar* Clamps have side bars of solid cold drawn steel. All our castings are of the best refined malleable iron, screws are made of cold drawn steel having hardened thrust bearing at end of screw to prevent wearing through the push plate. Dogs and pins are double heat treated and hardened. There are no notches in the bars to weaken them. Many of our clamps are still in use after twenty years of service, which proves their superiority.

Time
and
Labor
Saving

Having no notches to screw up the difference between, **Hartford** Patented Clamps can be quickly and easily adjusted to the work. The locking device is simple, but positive, and will lock on any part of the bar--the more pressure applied the firmer the grip. When screw pressure is released, the tail piece can be easily moved--jamming or sticking is impossible--the clamp is then ready for the next piece of work. (See next page.)

Cuts
Costs

Hartford Clamps, which are moderately priced, last longer--replacement parts seldom needed. By having the proper clamps for your particular job both money and time are saved.

The United States Government, Woodworkers, Schools, Machine Shops, Body Builders, Casket Manufacturers, and many others are satisfied users of our various types of clamps.

MANUFACTURERS OF CLAMPS SINCE 1915.

THE HARTFORD CLAMP CO.

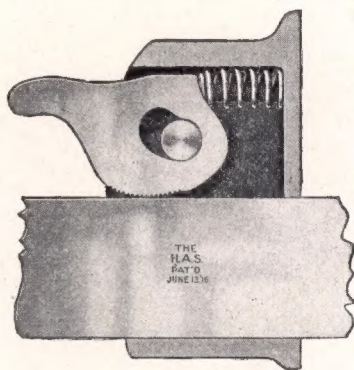
The HARTFORD

IMPROVED LOCKING DEVICE, *Patented, For* SINGLE AND DOUBLE BAR CLAMPS

The **Hartford** Locking Device is of simple construction consisting of pin, dog, spring and casting. The dog and pin are of special heat treated, hardened steel which practically eliminates wear. The strong spiral spring, which will outlast the clamp, holds the dog or cam against the bar and permits instant adjustment at any point on the bar, and under any pressure. Slipping or sticking is impossible.

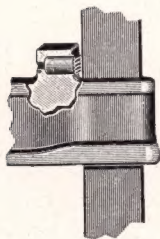
The Locking Device is of the same construction on both the Single and Double Bar Clamps, except that there are two cams on the Double Bar Clamps, one pressing on each bar, giving perfect locking action and an even pull.

All parts are interchangeable and can be easily replaced if necessary.



The HARTFORD

DEEP ENGAGEMENT CLAMP LOCKING DEVICE *Patented*



This locking device instantly locks when pressure is applied and will not slip or stick. Hammering or any other vibration will not loosen it from the work—it can only be removed by the loosening of the screw.

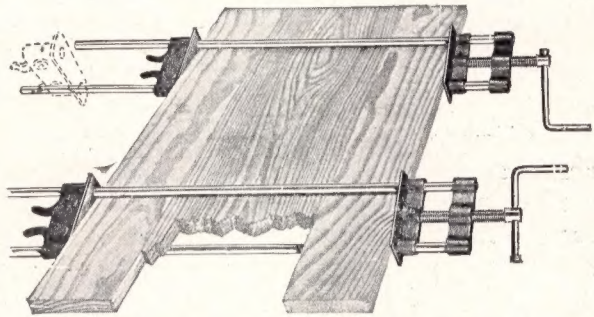
As seen in the cut, it is impossible for the locking mechanism to get out of order, as the gripping block is made of double heat treated, hardened steel and is inserted firmly in the casting. The gripping block can be easily replaced if necessary.

EAST HARTFORD, CONNECTICUT

The HARTFORD

QUICK ADJUSTING, SELF-LOCKING AND UNLOCKING DOUBLE BAR CLAMPS. *Patented*

"HARTFORD" Double Bar Clamps are made of the highest quality materials. Castings are of the best grade malleable iron --- side bars are SOLID COLD DRAWN STEEL --- Screw has ACME THREADS. A hardened thrust bearing is inserted in the push plate at end of screw to prevent it wearing through. The loose sliding handle is used in order that the clamps may be placed snug against each other if necessary.



A Double Bar Clamp will stand a much greater strain than the single bar clamp as there is a bar on each side of the work. They are quick to apply by slipping over the end of the work. For center work the tail piece is taken off the short bar (while still held by the long bar), clamp placed over the work and the tail replaced.

They are especially adapted to THIN work as they PREVENT BUCKLING. Specialists claim they are the best clamp for heavy work as the double bar gives equal pull on both sides of the work.

The "HARTFORD" DOUBLE BAR CLAMP is easy to operate with the "Hartford" Patented Locking Device---it cannot slip---is quick adjusting, self-locking and unlocking.

SPECIFICATIONS *Style No. 3*

Bars	$\frac{1}{2}$ " diameter
Space between bars	$3\frac{1}{4}$ "
Screw	$1\frac{1}{16}$ " diameter
Clamping Surface	$2\frac{1}{8}$ " wide
Handle	loose only

LIST PRICES AND WEIGHTS

STYLE No. 3

<i>Stock No.</i>	<i>Opens</i>	<i>Per Doz.</i>	<i>Approx. Net Wgt.</i>
324	2 ft.	72.00	89 lbs.
336	3 "	84.00	105 "
348	4 "	96.00	120 "
360	5 "	108.00	136 "
372	6 "	120.00	152 "
384	7 "	132.00	168 "

$\frac{1}{2}$ Doz. per bundle

Special lengths to order at proportionate prices. *Subject to discount.*

THE HARTFORD CLAMP CO.

The HARTFORD

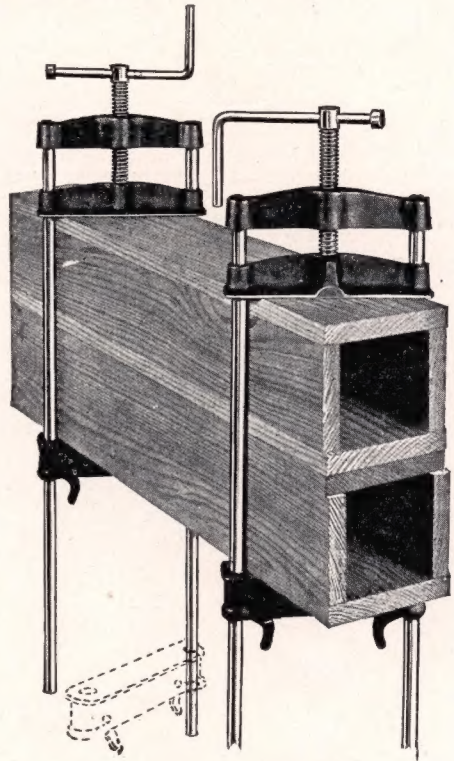
QUICK ADJUSTING, SELF-LOCKING AND UNLOCKING
DOUBLE BAR CLAMPS. *Patented*

STYLE NO. 6 HEAVY is built stronger than the other double bar clamps as it has heavier side bars and a $\frac{7}{8}$ "--5 pitch ACME THREADED SCREW. This clamp is used for gluing posts, veneering door stiles, chair arms, butcher blocks and heavy cutting tables.

STYLE NO. 10 is the same in construction as the other double bar clamps, but is a light clamp for its size.

The locking device is the same on our double bar clamps as on the single bar clamps and will lock on any part of the bar.

Locking mechanism shown on Page 3.



Specifications Style No. 6 Heavy
Bars $\frac{5}{8}$ " Diameter
Space between bars $6\frac{3}{4}$ "
Screw $\frac{7}{8}$ " Diameter
Clamping Surface $2\frac{1}{8}$ " wide
Handle loose only

Specifications Style No. 10
Bars $\frac{1}{2}$ " Diameter
Space between bars $10\frac{1}{8}$ "
Screw $1\frac{1}{16}$ " Diameter
Clamping Surface $1\frac{3}{4}$ " wide
Handle loose only

LIST PRICES AND WEIGHTS

STYLE NO. 6 HEAVY

Stock No.	Opens	Per Doz.	Approx. Net Wgt.
6H24	2 ft.	126.00	184 lbs.
6H36	3 "	144.00	208 "
6H48	4 "	174.00	232 "
6H60	5 "	192.00	256 "
6H72	6 "	207.00	280 "

STYLE NO. 10

Stock No.	Opens	Per Doz.	Approx. Net Wgt.
1024	2 ft.	96.00	128 lbs.
1036	3 "	102.00	144 "
1048	4 "	114.00	160 "
1060	5 "	126.00	176 "
1072	6 "	138.00	192 "

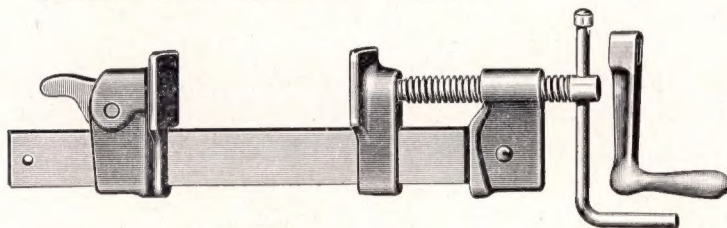
$\frac{1}{2}$ Doz. per bundle

Special lengths to order at proportionate prices. Subject to discount.

EAST HARTFORD, CONNECTICUT

The HARTFORD

QUICK ADJUSTING, SELF-LOCKING AND UNLOCKING
SINGLE BAR CLAMPS. *Patented*



STYLE NO. 5 & NO. 7

These two general purpose clamps are used for interior woodworking, body building and in the manufacture of furniture, sash and doors. They are fast acting clamps with **HARTFORD** rapid action tail piece which is quickly adjusted to the work.

No notches in the bar! The self-locking and un-locking tail piece is slid snug against the work and pressure immediately applied by a turn of the handle. There is never any slack to take up with the screw. The loose sliding handles are used in order that the clamps may be placed snug against each other, if necessary, and the work stood on screw end when set up to dry without injuring the clamp or the handle. See Page 3 for description of locking mechanism.

Bars are of high carbon spring steel. All castings are of the best grade malleable iron. Screws have deep cut ACME threads. Hardened thrust bearing at end of screw prevents wear. The No. 5 is tested to a safe clamping strain of 7,000 lbs.—the No. 7 to a safe clamping strain of 8,000 lbs.

SPECIFICATIONS Style No. 5			SPECIFICATIONS Style No. 7		
Bar	1½" x ¼"		Bar	1¾" x ⅝"	
Clamping Surface	2" h. x 1¾" w.		Clamping Surface	2½" h. x 2" w.	
Screw	1⅛" Dia.		Screw	¾" Dia.	
Handle	loose or fixed		Handle	loose or fixed	

LIST PRICES AND WEIGHTS

STYLE NO. 5				STYLE NO. 7			
Stock No.	Opens	Per Doz.	Approx. Net Wgt.	Stock No.	Opens	Per Doz.	Approx. Net Wgt.
524	2 ft.	45.60	75 lbs.	724	2 ft.	63.00	105 lbs.
530	2½ "	46.80	83 "	730	2½ "	66.00	116 "
536	3 "	48.00	91 "	736	3 "	69.00	127 "
548	4 "	54.00	107 "	748	4 "	76.00	149 "
560	5 "	60.00	123 "	760	5 "	84.00	171 "
572	6 "	66.00	139 "	772	6 "	92.00	194 "
584	7 "	72.00	155 "	784	7 "	100.00	216 "
596	8 "	78.00	171 "	796	8 "	108.00	238 "
5108	9 "	84.00	187 "	7108	9 "	116.00	261 "
5120	10 "	90.00	203 "	7120	10 "	124.00	283 "

½ Doz. per bundle

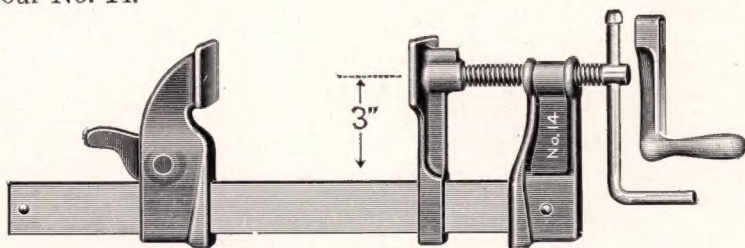
Special lengths to order at proportionate prices. Subject to discount.

THE HARTFORD CLAMP CO.

The HARTFORD

QUICK ADJUSTING, SELF-LOCKING AND UNLOCKING SINGLE BAR CLAMPS. *Patented*

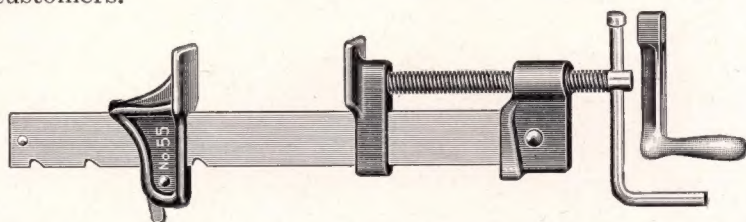
Where it is necessary to have a clamp that will reach in up to 3" and still be rigid enough in construction to stand a fairly heavy strain we offer our No. 14.



This clamp available in a heavier pattern

Style No. 141
Price on request.

This Notched Bar Clamp below is of simple construction and the choice of some of our customers.



The screws in both these clamps have ACME THREADS with hardened thrust bearing at end of screw which prevents wearing thru push plate.

SPECIFICATIONS Style No. 14
Bar Size $1\frac{1}{2}" \times \frac{1}{4}"$
Reach 3"
Clamping Surface $1\frac{3}{4}"$ high x $1\frac{5}{8}"$
Screw $\frac{5}{8}"$ Dia.
Handle loose or fixed

SPECIFICATIONS Style No. 55
Bar Size $1\frac{1}{2}" \times \frac{1}{4}"$
Clamping Surface 2" high x $1\frac{3}{4}"$
Screw $\frac{5}{8}"$ Dia.
Handle loose or fixed

LIST PRICES AND WEIGHTS

STYLE NO. 14				STYLE NO. 55			
Stock No.	Opens	Per Doz.	Approx. Net Wgt.	Stock No.	Opens	Per Doz.	Approx. Net Wgt.
1424	2 ft.	51.60	84 lbs.	5524	2 ft.	45.60	75 lbs.
1430	2½ "	52.80	92 "	5530	2½ "	46.80	83 "
1436	3 "	54.00	99 "	5536	3 "	48.00	91 "
1448	4 "	60.00	115 "	5548	4 "	54.00	107 "
1460	5 "	66.00	130 "	5560	5 "	60.00	123 "
1472	6 "	72.00	145 "	5572	6 "	66.00	139 "
½ Doz. per bundle							

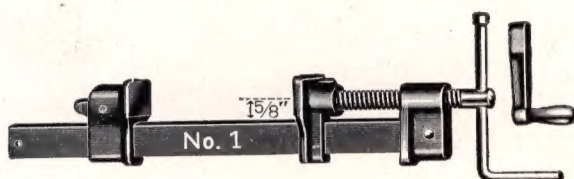
The HARTFORD

QUICK ADJUSTING, SELF-LOCKING AND UNLOCKING

SINGLE BAR CLAMPS. *Patented*

For lighter work where the clamping strain need not be too great, we recommend our No. 1 and No. 58 clamps. Made with best grade malleable iron castings, high carbon spring steel bars and screws with deep cut ACME threads.

They are similar in construction to our No. 5 except they are smaller and lighter (no notches in the bar) and have the same simple but positive **HARTFORD** locking mechanism (see page 3). These clamps are the best you can buy for light or average work.

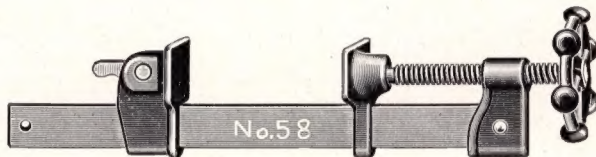


Specifications Style No. 1"

Bar 1" x $\frac{5}{16}$ "
Clamping S. $1\frac{3}{8}$ " h. x $1\frac{3}{4}$ " w.
Screw $\frac{9}{16}$ " Diameter
Handle loose or fixed

Specifications Style No. 58

Bar $1\frac{1}{8}$ " x $\frac{3}{16}$ "
Clamping S. $1\frac{3}{8}$ " Sq.
Screw $\frac{1}{2}$ " Diameter
Handle Wheel only



LIST PRICES AND WEIGHTS

STYLE NO. 1

Stock No.	Opens	Per Doz.	Approx. Net Wgt.
112	1 ft.	40.80	46 lbs.
118	$1\frac{1}{2}$ "	42.00	52 "
124	2 "	43.20	58 "
130	$2\frac{1}{2}$ "	44.40	65 "
136	3 "	45.60	71 "

STYLE NO. 58

Stock No.	Opens	Per Doz.	Approx. Net Wgt.
5812	1 ft.	39.60	36 lbs.
5818	$1\frac{1}{2}$ "	40.80	40 "
5824	2 "	42.00	44 "
5830	$2\frac{1}{2}$ "	43.20	48 "
5836	3 "	44.40	52 "

$\frac{1}{2}$ Doz. per bundle

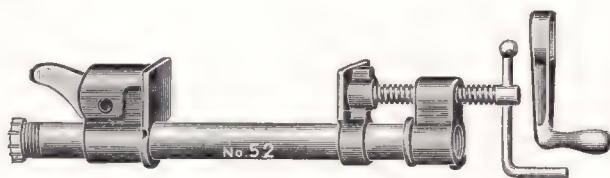
Special lengths to order at proportionate prices. Subject to discount.

THE HARTFORD CLAMP CO.

The HARTFORD

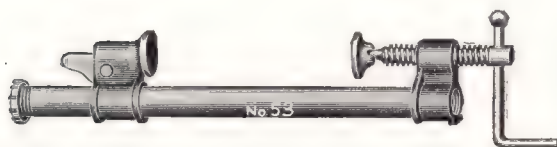
QUICK ADJUSTING, SELF-LOCKING AND UNLOCKING PIPE CLAMP FIXTURES

STYLE NO. 52 Pipe Clamp Fixtures are made to fit $\frac{3}{4}$ " pipe, and the STYLE NO. 53 to fit $\frac{1}{2}$ " pipe, regular or extra heavy-black pipe preferable. Head castings have standard pipe threads which eliminates the need of tools in attaching to pipe, or in transferring of fixtures from one length of pipe to another. The castings of BEST GRADE MALLEABLE IRON are enameled. The screws are of cold drawn steel having deep cut ACME threads to insure long life.



SPECIFICATIONS *Style No. 52*

Fixtures ONLY	Fits $\frac{3}{4}$ " pipe
	Pipe NOT furnished
Clamping Surface	$1\frac{3}{4}$ " Square
Screw	$\frac{9}{16}$ " Dia.
Handle	Loose or Fixed



SPECIFICATIONS *Style No. 53*

Fixtures ONLY	Fits $\frac{1}{2}$ " pipe
	Pipe NOT furnished
Clamping Surface	$1\frac{1}{4}$ " Dia. Button
Screw	$\frac{9}{16}$ " Dia.
Handle	Loose only

LIST PRICES AND WEIGHTS

<i>Per Doz.</i>	<i>Approx.</i>		<i>Per Doz.</i>	<i>Approx.</i>
<i>Sets</i>	<i>Net Wgt.</i>		<i>Sets</i>	<i>Net Wgt.</i>
Style No. 52 Fixtures	\$30.00	28 lbs.	Style No. 53 Fixtures	\$21.00
				14 lbs.

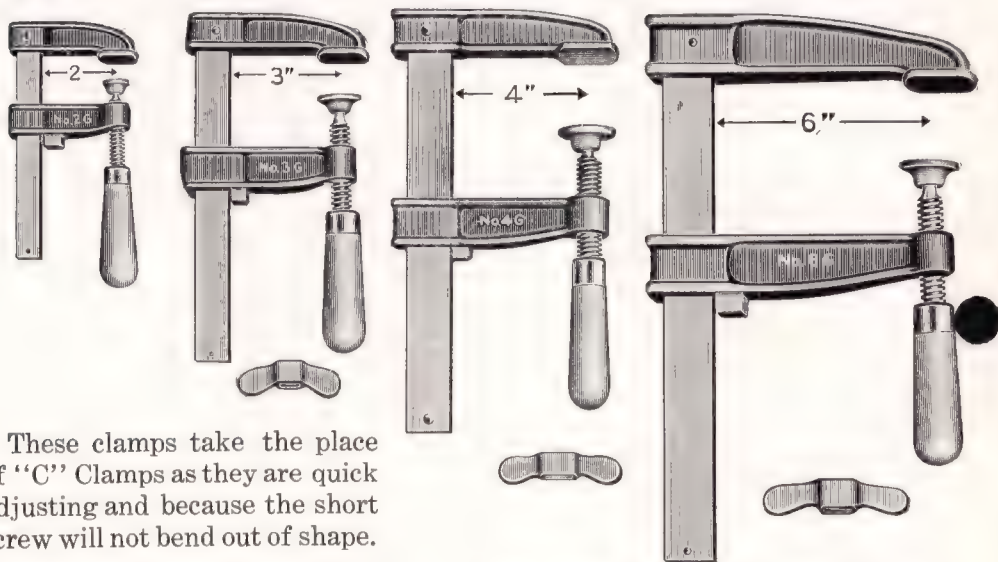
Packed 2 Sets per shelf box and 6 shelf boxes per carton. Subject to discount.

EAST HARTFORD, CONNECTICUT

The HARTFORD

Quick Acting DEEP ENGAGEMENT CLAMPS

All of our DEEP ENGAGEMENT CLAMPS are sturdily constructed. The deep cut ACME THREAD screws are made of cold drawn steel. The wooden handles are made to fit the hand. The locking device instantly locks when pressure is applied and will not slip or stick. Hammering or any other vibration will not loosen the locking device. These clamps are made for long hard usage. For DEEP ENGAGEMENT LOCKING Device, see page 3.



These clamps take the place of "C" Clamps as they are quick adjusting and because the short screw will not bend out of shape.

SPECIFICATIONS Style No. 2G

Bar Size $\frac{5}{8}$ " x $\frac{3}{16}$ "
 Reach 2"
 Clamping Surface $1\frac{1}{16}$ " Dia. Button
 Screw $\frac{3}{8}$ " Dia.
 Handle Wood only

SPECIFICATIONS Style No. 3G

Bar size 1" x $\frac{1}{4}$ "
 Reach 3"
 Clamping Service $1\frac{1}{4}$ " Dia. Button
 Screw $\frac{9}{16}$ " Dia.
 Handle Wood or wing

LIST PRICES AND WEIGHTS

STYLE NO. 2G				STYLE NO. 3G			
Stock No.	Opens	Per Doz.	Approx. Net Wgt.	Stock No.	Opens	Per Doz.	Approx. Net Wgt.
2G4	4 in.	15.00	8 lbs.	3G6	6 in.	24.50	24 lbs.
2G6	6 "	15.50	9 "	3G8	8 "	25.00	26 "
2G8	8 "	16.00	10 "	3G10	10 "	26.00	28 "
2G10	10 "	17.00	11 "	3G12	12 "	27.00	30 "
2G12	12 "	17.50	12 "	3G18	18 "	30.00	35 "
2G18	18 "	20.00	15 "	3G24	24 "	33.00	40 "
2G24	24 "	22.50	18 "	3G30	30 "	36.00	45 "

$\frac{1}{2}$ Doz. per bundle

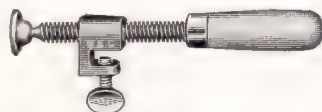
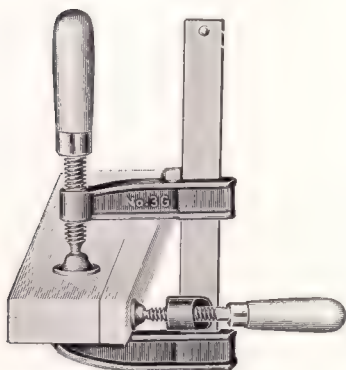
Special lengths to order at proportionate prices. Subject to discount.

THE HARTFORD CLAMP CO.

The HARTFORD

Quick Acting DEEP ENGAGEMENT CLAMPS

The EDGE CLAMP ATTACHMENTS are most practical for edge gluing as they are light, easy to handle, quickly adjusted and efficient. Both the Style No. 2EG and the Style No. 6EG Attachments have screws with deep cut ACME THREADS.



EDGE CLAMP ATTACHMENTS

Specifications Style No. 2EG Fits
Clamps No. 2G and No. 3G Screw $\frac{3}{8}$ " Diameter.

Specifications Style No. 6EG Fits
Clamps No. 3G, 4G, and 6G Screw $\frac{5}{8}$ " Diameter.

LIST PRICES EDGE ATTACHMENTS

Size	Per Doz.
No. 2EG	\$17.00
No. 6EG	\$18.00

The DEEP ENGAGEMENT CLAMP is very handy for various kinds of work such as pattern making, furniture manufacture, cabinet work, welding etc. They can be obtained in four different styles and various opening sizes as given on pages 10 and 11.

Specifications Style No. 4G
Bar size $1\frac{1}{4}$ " x $\frac{5}{16}$ "
Reach 4"
Clamping Surface $1\frac{1}{2}$ " Dia. Button
Screw $1\frac{1}{16}$ " Dia.
Handle Wood or wing

Specifications Style No. 6G
Bar size $1\frac{3}{8}$ " x $\frac{3}{8}$ "
Reach 6"
Clamping Surface $1\frac{1}{2}$ " Dia. Button
Screw $1\frac{1}{16}$ " Dia.
Handle Wood or wing

LIST PRICES AND WEIGHTS

STYLE NO. 4G				STYLE NO. 6G			
Stock No.	Opens	Per Doz.	Approx. Net Wgt.	Stock No.	Opens	Per Doz.	Approx. Net Wgt.
4G8	8 in.	36.00	46 lbs.	6G12	12 in.	52.60	84 lbs.
4G10	10 "	38.00	48 "	6G18	18 "	56.40	95 "
4G12	12 "	40.00	51 "	6G24	24 "	61.80	104 "
4G18	18 "	44.00	58 "	4G30	30 "	67.40	115 "
4G24	24 "	48.00	65 "	6G36	36 "	72.80	126 "
4G36	36 "	56.00	80 "	6G48	48 "	84.00	147 "
4G48	48 "	64.00	95 "	6G60	60 "	95.00	168 "

$\frac{1}{2}$ Doz. per bundle

Special lengths to order at proportionate prices. Subject to discount.

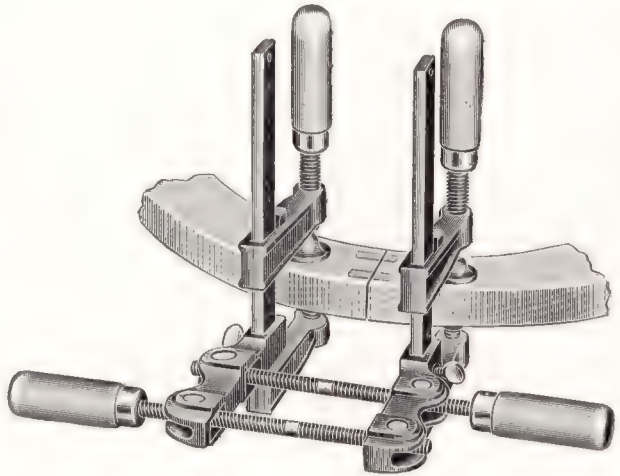
EAST HARTFORD, CONNECTICUT

The HARTFORD

QUICK ADJUSTING, SELF-LOCKING AND UNLOCKING UNIVERSAL CLAMP STYLE 3GU

Style No. 3GU extends in 3" on the work. Made with deep cut ACME threaded screws, high carbon steel bars and best grade malleable iron castings. These clamps are used for gluing, where triple clamping is required on irregular shapes.

IRREGULAR FRAMES
CORNER WORK
MITRE WORK
CHAIRS
SOFAS
FURNITURE



Specifications Style 3GU

Bar Sizes	1" x $\frac{5}{16}$ "
Reach	3"
Openings	6"
Clamping Surfaces	1 $\frac{1}{4}$ " Dia. Button
Clamp Screws	$\frac{9}{16}$ " Dia.
Handles	Wood
Weight	7 $\frac{1}{2}$ lbs.

LIST PRICE

EACH List \$12.50

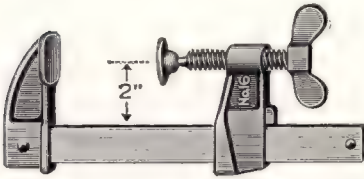
Subject to Discount.

THE HARTFORD CLAMP CO.

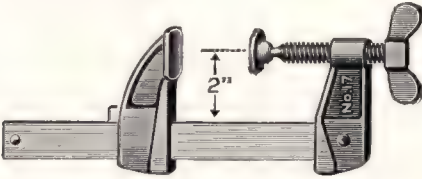
The HARTFORD

QUICK ADJUSTING, SELF-LOCKING AND UNLOCKING SINGLE BAR CLAMPS. *Patented*

Style Nos. 16, 17, and 18 have bars of high carbon spring steel--screws have deep cut ACME THREADS--castings of the best grade malleable iron. The double gripping blocks in Nos. 16 and 17 and the dog in No. 18 are carefully heat treated and hardened. These clamps are light yet very strong for their weight and are used by furniture frame manufacturers, boat builders, body builders, welders, etc.

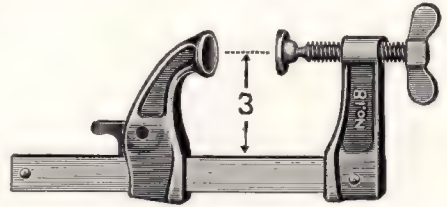


Style No. 16 has adjustable HEAD PIECE only.



Style No. 17 has adjustable TAIL PIECE only.

Styles No. 16 and No. 17 tested for safe clamping strain of 1800 lbs.



Style No. 18 has adjustable TAIL PIECE only.

Specifications Styles No. 16, 17 & 18

Bar size	1" x 5/16"
Reach, Nos. 16 and 17	2"
Reach, No. 18	3"
Clamping Surface	1 1/4" Dia. Button
Screw	9/16" Dia.
Handle	Wing or wood

LIST PRICES AND WEIGHTS

<i>Styles No. 16 and No. 17</i>					<i>Style No. 18</i>			
<i>Stock</i>	<i>No.</i>	<i>Opens</i>	<i>Per</i>	<i>Approx.</i>	<i>Stock</i>	<i>Opens</i>	<i>Per</i>	<i>Approx.</i>
			<i>Doz.</i>	<i>Net Wgt.</i>			<i>Doz.</i>	<i>Net Wgt.</i>
166	176	6 in.	24.00	30 lbs.	186	6 in.	26.00	32 lbs.
168	178	8 "	25.00	32 "	188	8 "	27.00	34 "
1610	1710	10 "	26.00	34 "	1810	10 "	28.00	36 "
1612	1712	12 "	27.00	36 "	1812	12 "	29.00	38 "
1618	1718	18 "	30.00	43 "	1818	18 "	32.00	45 "
1624	1724	24 "	33.00	49 "	1824	24 "	35.00	51 "
1630	1730	30 "	36.00	55 "	1830	30 "	38.00	57 "
1636	1736	36 "	39.00	62 "	1836	36 "	41.00	64 "

1/2 Doz. per bundle

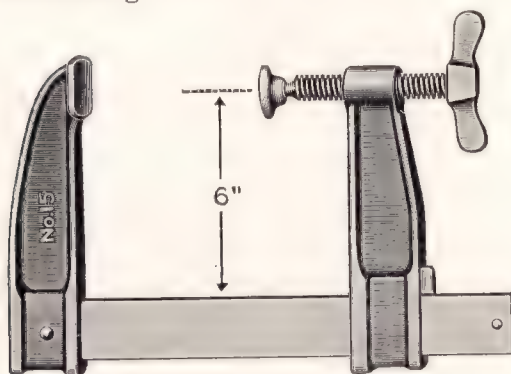
Special lengths to order at proportionate prices. Subject to discount.

EAST HARTFORD, CONNECTICUT

The HARTFORD

QUICK ADJUSTING, SELF-LOCKING AND UNLOCKING SINGLE BAR CLAMPS. *Patented*

Styles No. 15 and No. 19 extend in 6" on the work with a good clamping strain. Made with deep cut ACME threaded screws, high carbon spring steel bars and best grade malleable iron castings. Both items have **HARTFORD** double heat treated, hardened steel gripping blocks inserted firmly in the casting.



STYLE NO. 15

This is a general purpose clamp with a safe clamping strain of 2,100 lbs.

SPECIFICATIONS

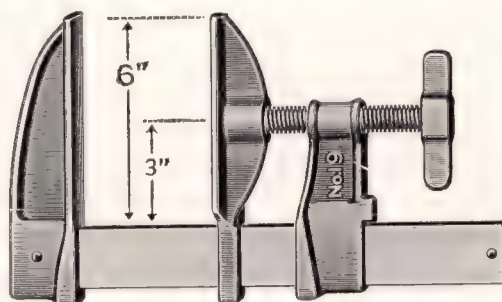
Bar size	1 $\frac{3}{4}$ " x $\frac{5}{16}$ "
Reach	6"
Clamping Sur.	1 $\frac{1}{2}$ " Dia.
Button Screw	$\frac{3}{4}$ " Dia.
Handle	Wing

STYLE NO. 19

The wide flat clamping surface has planed off jaws, and a safe clamping strain of 4500 lbs.

SPECIFICATIONS

Bar size	1 $\frac{3}{4}$ " x $\frac{5}{16}$ "
Reach	6"
Clamping Surface	6" hgt. x 1 $\frac{3}{4}$ "
Screw	$\frac{3}{4}$ " Dia.
Handle	Wing



LIST PRICES AND WEIGHTS

STYLE NO. 15

Stock No.	Opens	Per Doz.	Approx. Net Wgt.
156	6 in.	58.80	84 lbs.
158	8 "	60.00	88 "
1510	10 "	62.40	91 "
1512	12 "	63.60	95 "
1518	18 "	68.40	106 "
1524	24 "	73.20	117 "
1530	30 "	78.00	128 "
1536	36 "	82.80	140 "

STYLE NO. 19

Stock No.	Opens	Per Doz.	Approx. Net Wgt.
196	6 in.	78.00	84 lbs.
198	8 "	80.40	88 "
1910	10 "	82.80	91 "
1912	12 "	85.20	95 "
1918	18 "	90.00	106 "
1924	24 "	96.00	117 "
1930	30 "	100.80	128 "
1936	36 "	105.60	140 "

$\frac{1}{2}$ Doz. per bundle

THE HARTFORD CLAMP CO.

The HARTFORD

QUICK ADJUSTING, SELF-LOCKING AND UNLOCKING SINGLE BAR CLAMPS, *Patented*

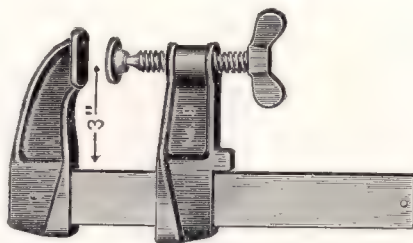
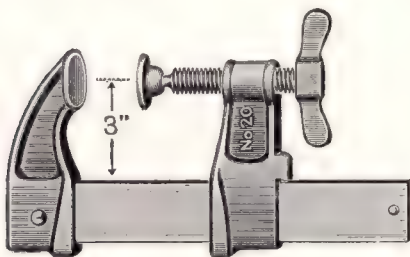
Styles No. 9 and No. 20 are used extensively by boat builders, body builders, machine builders and welders to take the place of "C" Clamps, as they are quick adjusting and because the short screw will not bend out of shape. Both these clamps are very strong for their weight.

The locking mechanism instantly locks when pressure is applied and will not slip or stick--hammering or any other vibration will not loosen the locking device.

SPECIFICATIONS Style No. 9

Bar size $1\frac{1}{2}" \times \frac{1}{4}"$
Reach 3"
Clamping Surface $1\frac{1}{4}"$ Dia. Button
Screw $\frac{9}{16}"$ Dia.
Handle Wing only

Tested for a safe clamping strain
of 2,400 lbs.



SPECIFICATIONS Style No. 20

Bar size $1\frac{3}{4}" \times \frac{5}{16}"$
Reach 3"
Clamping Surface $1\frac{1}{2}"$ Dia. Button
Screw $\frac{3}{4}"$ Dia.
Handle Wing only

Tested for a safe clamping strain
of 4,500 lbs.

LIST PRICES AND WEIGHTS

STYLE NO. 9

Stock No.	Opens	Per	Approx.
		Doz.	Net Wgt.
96	6 in.	30.00	42 lbs.
98	8 "	31.00	44 "
910	10 "	32.00	47 "
912	12 "	33.00	49 "
918	18 "	36.00	57 "
924	24 "	39.00	65 "
930	30 "	42.00	72 "
936	36 "	45.00	80 "

STYLE NO. 20

Stock No.	Opens	Per	Approx.
		Doz.	Net Wgt.
206	6 in.	56.40	66 lbs.
208	8 "	57.60	69 "
2010	10 "	60.00	73 "
2012	12 "	61.20	77 "
2018	18 "	66.00	88 "
2024	24 "	70.80	99 "
2030	30 "	75.60	110 "
2036	36 "	80.40	122 "

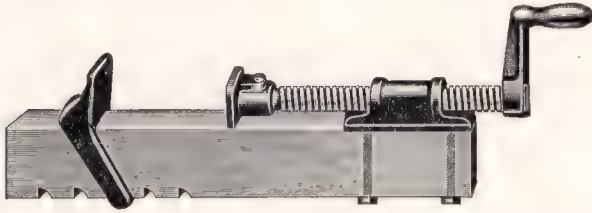
$\frac{1}{2}$ Doz. Per bundle

Special lengths to order at proportionate prices. Subject to discount.

EAST HARTFORD, CONNECTICUT

The HARTFORD

STYLE NO. 60 WOOD BAR CLAMP FIXTURES



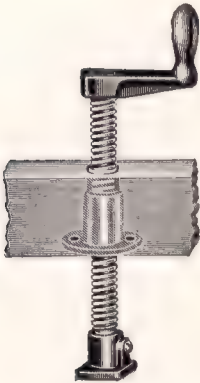
Our No. 60 Clamp Fixtures are designed to fit a wooden bar $1\frac{1}{4}$ " thick x $2\frac{1}{2}$ " wide and are easily attached. They are sold in sets consisting of the complete head and tail piece, without the wooden bar, which when assembled makes a very handy clamp. Screws are $1\frac{1}{16}$ " cold drawn steel with Acme threads. Castings are of the best refined malleable iron.

LIST PRICES AND WEIGHTS

	<i>Per Doz. Sets</i>	<i>Approx. Net Wgt.</i>
Fixtures.....	\$22.00	40 lbs.
Head only (screw end).....	18.25	35 lbs.
1 doz. sets per bundle		

The HARTFORD

STYLE NO. 61 PRESS SCREW



These Press Screws are used by concerns that make up their own light wooden glue or frame assembling presses. The nut is inserted in a $1\frac{1}{16}$ " hole and firmly held in place with wood screws.

Castings are of the best refined malleable iron, screws are $1\frac{1}{16}$ " with deep cut Acme threads and can be had with loose or one piece malleable iron crank handles.

12" Press Screw, handle, push plate and nut assembled. Per Dozen..... \$22.00

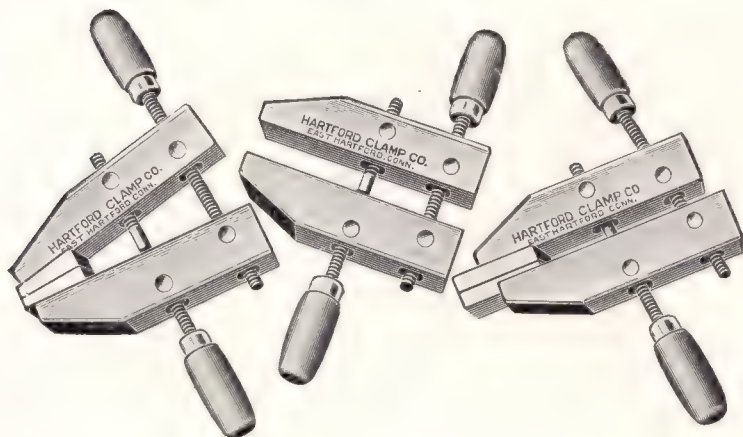
1 doz. per bundle

Subject to Discount.

THE HARTFORD CLAMP COMPANY

The HARTFORD

ADJUSTABLE STEEL SPINDLE HAND SCREWS



Jaws
Handles
Spindles
Nuts

HAND SCREW SPECIFICATIONS

Straight grain, hard maple properly seasoned and oiled.
Smooth hard maple with extra heavy steel ferrules that hold fast.

Cold drawn steel - - smooth cut threads.

Cold drawn steel.

All hand screws given final inspection before packing to insure perfection.

LIST PRICES AND WEIGHTS

Cat. No.	Length of Jaws	Opening Between Jaws	Price Per Doz.	Net Wt. Per Doz.
H204	4 in.	2 in.	\$21.50	6 lbs.
H206	6 in.	3 in.	25.90	13 lbs.
H208	8 in.	4½ in.	30.20	24 lbs.
H210	10 in.	6 in.	34.50	31 lbs.
H212	12 in.	8½ in.	38.80	51 lbs.
H214	14 in.	10 in.	43.10	61 lbs.
H216	16 in.	12 in.	51.75	89 lbs.
H218	18 in.	14 in.	60.40	100 lbs.

Packed ½ doz. per carton

Subject to Discount. Please Order by Number.

EAST HARTFORD, CONNECTICUT

The HARTFORD

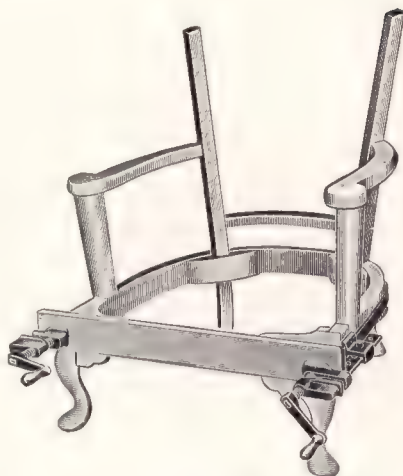
STYLE NO. 63 DOUBLE SCREW BAND CLAMP

Our new Band Clamp, designed especially for barrel chair frames and irregular chair frames, is the ideal tool for this work, as it holds the frame secure for nailing and screwing and can easily be placed on and off the work by one man.

By cutting out a block of wood to fit the front of your chair, whether it be round or straight, and notching the wood to accommodate the clamp (See cuts), you will have a very powerful clamp which will simplify this otherwise difficult task.

To adjust this clamp to either a small or large chair, simply move the band casting to another hole in the bar.

The malleable iron castings to which the band is fastened will fit any ordinary bar clamp measuring $1\frac{1}{2}$ " x $\frac{1}{4}$ " and can be purchased without the screw ends or bars. Therefore, providing you have a pair of such clamps, all that is necessary is to drill a few holes in the bars by which to fasten the band casting.



LIST PRICE

Set complete with 4 ft.

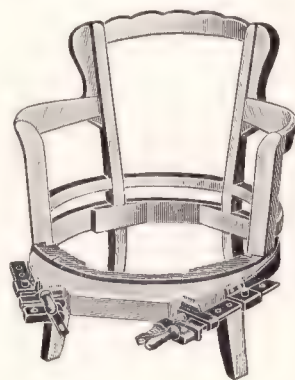
Band\$8.50

Band Castings (2) to fit

$1\frac{1}{2}$ " x $\frac{1}{4}$ " bar..... 2.90

Extra Band, per ft.... .16

Subject to Discount.

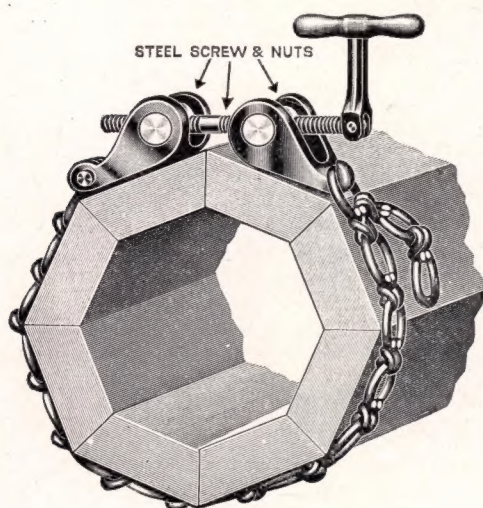


Subject to Discount.

THE HARTFORD CLAMP COMPANY

The HARTFORD

STYLE NO. 75 COLUMN CLAMP



This Column Clamp has a $\frac{5}{8}$ " cold drawn steel screw with left and right hand threads for quick action. The nuts and chain are of steel, castings are of the best refined malleable iron.

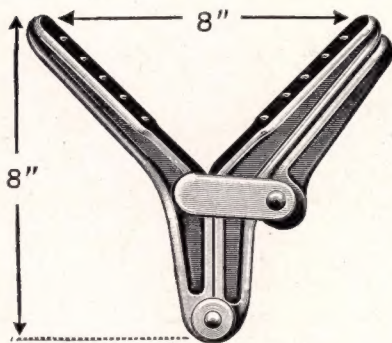
LIST PRICE AND WEIGHT

		Approx.
Opens	Per Doz.	Net Wgt.
4 ft.	\$61.00	48 lbs.
Extra chain per ft.		17c
When ordering specify length of chain.		

1 Doz. per bundle

The HARTFORD

STYLE NO. 62 MITRE CLAMP



Our Mitre Clamps have planed off jaws with hardened steel pins just long enough to hold the work. The small holes made by the pins are hardly noticeable. Work can be brought up square and firm by operating the eccentric lever. Used to a large extent for window and door casings. Castings are of the best refined malleable iron. There is no quicker clamp made for this purpose.

		Approx.
	Per Doz.	Net Wgt.
Mitre Clamp	\$44.25	20 lbs.

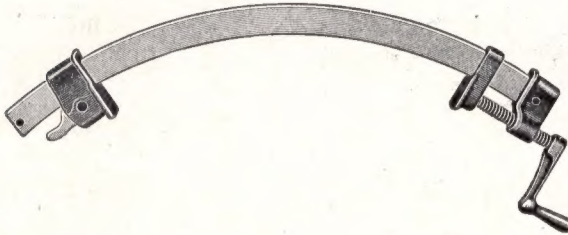
1 Doz. per bundle

Subject to Discount.

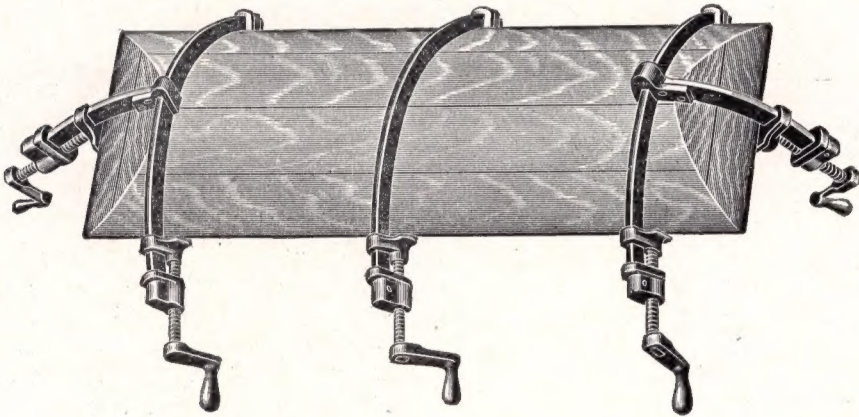
EAST HARTFORD, CONNECTICUT

The HARTFORD

QUICK ADJUSTING, SELF-LOCKING AND UNLOCKING
RADIUS CLAMP. *Patented*



These Circle or Radius Clamps are used by most casket manufacturers for gluing oval panel casket tops as shown in the cut below and can be obtained in several sizes and most any radius, with loose or one piece malleable iron crank handle. For patented locking device and other specifications see Page 3.



Prices upon application stating size and correct radius.

Style No. 1 Bar 1" x $\frac{5}{16}$ "

Style No. 5 Bar 1 $\frac{1}{2}$ " x $\frac{1}{4}$ "

THE HARTFORD CLAMP COMPANY

When Ordering

Be sure to specify either Stock No. or Style No. and OPENING size of clamps desired, thus avoiding delay and unnecessary mistakes.

All claims for errors or shortages must be made upon receipt of goods.

We are not responsible for loss of goods or damages received in transit.

Full shipping instructions are requested; if none are given, we will ship according to our best judgment.

Terms on approved credit 30 days net, or 2 percent for cash 10 days from date of invoice.

F. O. B. East Hartford 8, Conn., unless otherwise specified.

Guarantee

We guarantee these clamps to be absolutely free from all defects in workmanship and materials, and will gladly furnish, free of charge, any parts which at any time may prove defective provided the defective parts are returned to us for inspection.

We are not responsible for delays resulting from fires, strikes or other causes beyond our control.

This catalogue cancels all previous lists.

Prices subject to change without notice.

SINGLE
AND DOUBLE
BAR STEEL
CLAMPS AND
HAND SCREWS

•
QUICKER,
STRONGER,
MORE DURABLE

•
Guaranteed to be
self-locking and
unlocking.
Cannot stick
or jam.

•
30 styles,
write for free
catalog.

HARTFORD

CLAMPS



HARTFORD CLAMP CO., EAST HARTFORD, CONN.